



# EXCOOL DRY DATA CENTER COOLING SOLUTION

Zero water. Maximum efficiency.



## Capacity Range

### 250kW - 500kW

### Optimised energy utilisation

Experience industry-leading low pPUE, ensuring maximum operational efficiency.

### Extreme environment adaptability

Engineered for impeccable performance, even in the most challenging ambient conditions.

### Zero-water cooling solution

Achieve superior cooling capabilities consuming zero water – the pinnacle of sustainability.

### Slimline infrastructure

Excool Dry's full DX cooling eliminates the requirement for water treatment, pump sets and pipework, reducing CAPEX and system complexity.

### In-built controls redundancy

UPS-backed controls system, providing comprehensive visibility and immediate response to black building events.

### Swift cooling backup

Full cooling capacity reached 45 seconds after generator startup, minimising operational disruptions.

### Scalable deployment

Seamlessly expand your cooling capacity as needed thanks to Excool's modular design, ensuring swift and cost-effective growth of your cooling infrastructure.



### Turnkey installation

All-in-one plug & play package for fast deployment and revenue generation.

### Quick-to-market delivery

Don't let timelines hold you back; our short delivery windows expedite your project schedule.

### Intelligent controls

Optimised cooling control for an advanced operational sequence, giving you precise thermal stability at the highest efficiency.

### 24/7 monitoring & support

Benefit from dedicated support to ensure optimal performance and rapid issue resolution, providing peace of mind for your critical infrastructure.

### IT infrastructure protection

Ensure long-term reliability and performance of your servers with the security of Excool Dry's indirect cooling.

### Easy maintenance

Designed for straightforward, hassle-free upkeep, ensuring longevity and continuous performance.

### Cost-efficient investment

With low CAPEX requirements, we provide a financially accessible solution without compromising on quality or functionality.



# EXCOOL DRY 250

# EXCOOL DRY 500



Sensible cooling capacity	<b>250kW</b>
Supply air volume per unit	<b>17.4 m<sup>3</sup>/s</b>
Design external static air pressure	<b>100Pa</b>
Air filters	<b>Washable reticulated foam</b>
Peak power consumption	<b>120kW</b>
Electrical supply 3phs 4wire	<b>50Hz/400V</b>
Dimensions	<b>Height: 4600mm Depth: 2300mm Width: 3000mm</b>
Main body shipping weight	<b>3090kg</b>
Condenser box shipping weight	<b>630kg</b>
Operating weight	<b>3720kg</b>

Sensible cooling capacity	<b>500kW</b>
Supply air volume per unit	<b>30.0 m<sup>3</sup>/s</b>
Design external static air pressure	<b>100Pa</b>
Air filters	<b>Washable reticulated foam</b>
Peak power consumption	<b>204kW</b>
Electrical supply 3phs 4wire	<b>50Hz/400V</b>
Dimensions	<b>Height: 4600mm Depth: 3550mm Width: 4500mm</b>
Main body shipping weight	<b>4680kg</b>
Condenser box shipping weight	<b>800kg</b>
Operating weight	<b>5400kg</b>

Please note this data sheet represents maximum values with all components operating at 100% capacity. This data sheet is not based on any specific outdoor ambient condition.



Excool HQ, Bromsgrove, Worcestershire, B60 4EA  
Tel: +44 (0) 1527 492750 | Email: [info@excool.com](mailto:info@excool.com) | [www.excool.com](http://www.excool.com)

